

CGA5L1C0G2A683J160AE

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TDK item description CGA5L1C0G2A683JT***S

Applications Automotive Grade

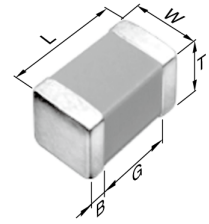
Feature Mid Voltage (100 to 630V)

Soft Termination

AEC-Q200

Series CGA5(3216) [EIA 1206]

Status Production



Dimensions in mm

Size	
Length(L)	3.20mm +0.40,-0.20mm
Width(W)	1.60mm +0.30,-0.20mm
Thickness(T)	1.60mm +0.30,-0.20mm
Terminal Width(B)	0.20mm Min.
Terminal Spacing(G)	1.00mm Min.
Recommended Land Pattern (PA)	2.10mm to 2.50mm(Flow Soldering)
	2.00mm to 2.40mm(Reflow Soldering)
Recommended Land Pattern (PB)	1.10mm to 1.30mm(Flow Soldering)
	1.00mm to 1.20mm(Reflow Soldering)
Recommended Land Pattern (PC)	1.00mm to 1.30mm(Flow Soldering)
	1.10mm to 1.60mm(Reflow Soldering)

Electrical Characteristics	
Capacitance	68nF ±5%
Rated Voltage	100VDC
Temperature Characteristic	COG(0±30ppm/°C)
Q (Min.)	1000
Insulation Resistance (Min.)	7352MΩ

Other	
Soldering Method	Wave (Flow)
	Reflow
AEC-Q200	Yes
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000pcs

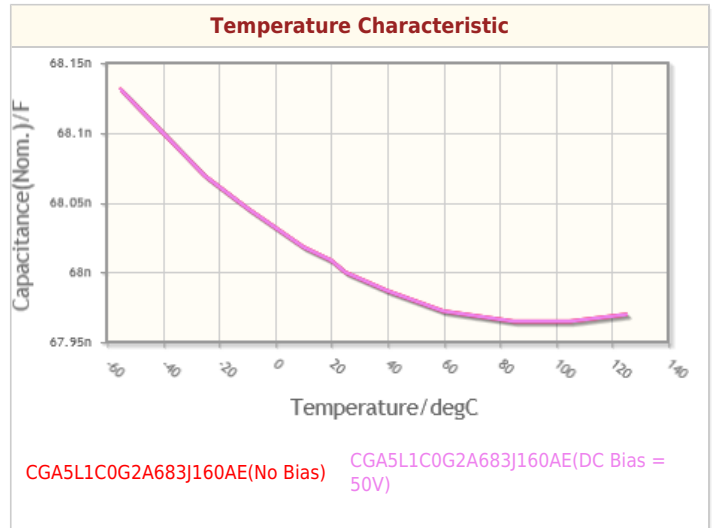
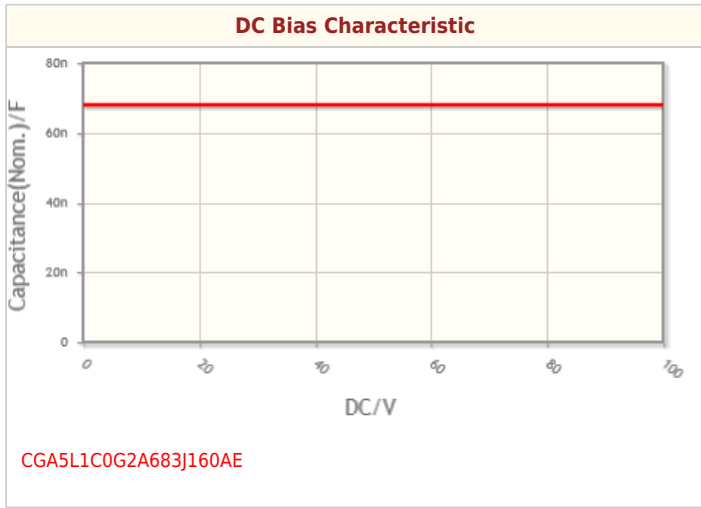
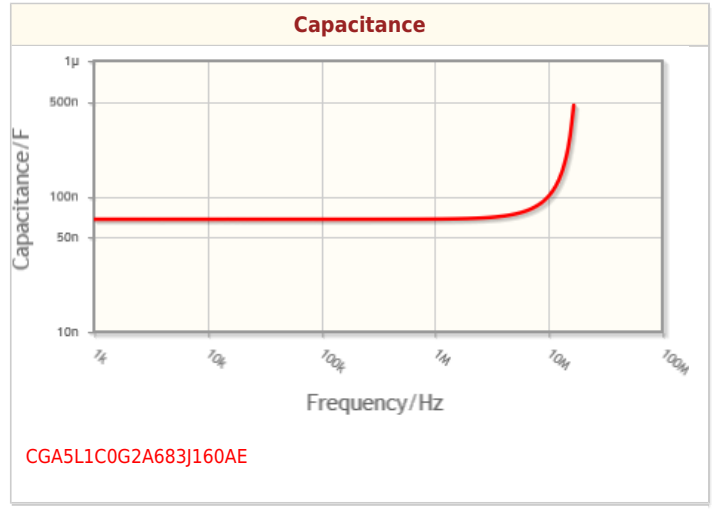
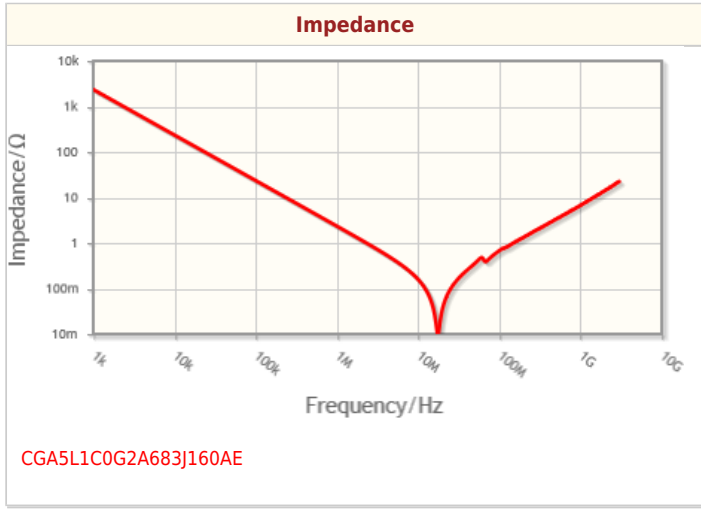
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Characteristic Graphs(This is reference data, and does not guarantee the products characteristics.)



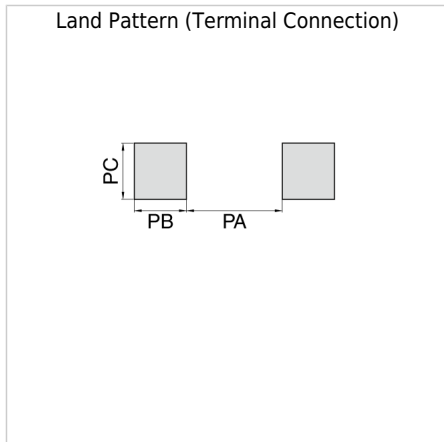
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Associated Images



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